

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	491	particle adj dispersion adj liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 13:58
S2	156	S1 and ("titanium oxide" or TiO)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:13
S3	114	S2 and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:15
S4	1	S3 and (porous adj2 film)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:18
S5	0	S3 and (porous adj2 semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:19
S6	21	S3 and (porous)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:19
S7	715	porous near5 ("titanium oxide" or TiO)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:17
S8	147	S7 and anatase	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:46
S9	0	S8 and (spray adj coater)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:24

## EAST Search History

S10	20	S8 and (thermoplastic adj resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:17
S11	1	S8 and (dispersion adj liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:45
S12	12	S8 and ((paint adj shaker) or "pebble mill" or "sand mill")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:50
S13	327	photoelectrode	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:13
S14	14	S13 and "porous semiconductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 10:51
S15	2	S1 and (spray adj coater)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:28
S16	71	S1 and (coater)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:26
S17	38253	(spray adj coat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:49
S18	55	S17 and "particle dispersion liquid"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:23
S19	44	S18 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:41

## EAST Search History

S20	0	S18 and (viscosity near5 "2 Pa.sec")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:42
S21	0	S18 and (viscosity near5 "2 Pa adj sec")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:42
S22	0	(viscosity near5 "2 Pa adj sec")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:42
S23	123	(viscosity near5 "2 Pa")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:43
S24	0	(viscosity near5 ("0.001 Pa" adj2 "2 Pa"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:43
S25	18	(viscosity near5 ("0.001 Pa"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:01
S26	4	S25 and (spray adj coat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 12:49
S27	0	S1 and (viscosity near5 ("0.001 Pa"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:02
S28	4	S17 and (viscosity near5 ("0.001 Pa"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:04
S29	1391	S17 and (diameter adj3 "30")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:15

## EAST Search History

S30	22	S17 and ("mean diameter" adj3 "30")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:15
S31	0	S18 and ("mean diameter" adj3 "30")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:15
S32	12	S18 and (diameter adj3 "30")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:16
S33	0	S18 and (diameter adj3 "30 mu.m")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:17
S34	304	S17 and (diameter adj3 "30 mu.m")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:27
S35	1	S34 and (particle adj discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:18
S36	107	S34 and (discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:18
S37	5	S1 and (diameter adj3 "30 mu.m")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 13:26
S38	2	("2002/0042343").URPN.	USPAT	OR	ON	2006/04/18 14:21
S39	2	"particle dispersion liquid" near20 "titanium oxide particle"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:02

## EAST Search History

S40	491	"particle dispersion liquid"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:02
S41	33	S40 and "titanium oxide particle"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:28
S42	0	S3 and photoelectrode	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:27
S43	9	"particle dispersion liquid" near5 substrate near10 coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:27
S44	29	"particle dispersion liquid" near5 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:26
S45	0	"438/82.ccls"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:26
S46	224	(438/82).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/04/18 15:27
S47	0	S46 and "particle dispersion liquid"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:28
S48	416806	((("438") or ("257"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/04/18 15:27
S49	72	S48 and photoelectrode	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:45

## EAST Search History

S50	0	S49 and "particle dispersion liquid"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:28
S51	2	S49 and "titanium oxide particle"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:30
S52	7	S18 and "titanium oxide particle"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/18 15:30
S53	38253	(spray adj coat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 13:58
S54	55	S53 and "microwave irradiation"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:18
S55	0	S54 and "solar cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 13:59
S56	491	"particle dispersion liquid"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:05
S57	0	S56 and "microwave irradiation"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:10
S58	17	S56 and "electromagnetic wave"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:24
S59	0	S56 and (microwave near (sinter or drying))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:12

## EAST Search History

S60	0	S56 and (microwave near drying)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:12
S61	6	particle near "microwave irradiation"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:17
S62	107690	(thermoplastic adj resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:35
S63	0	S62 and (microwave adj5 dry\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:18
S64	0	S62 and (microwave)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:18
S65	0	(microwave adj5 dry\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:18
S66	2176	"microwave irradiation"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:18
S67	12	S66 and (semiconductor adj film)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:19
S68	78	S56 and ("electromagnetic wave" or "ultraviolet rays" or "visible rays" or "infrared rays" or microwave)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:35
S69	75	S68 and heat	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:25

## EAST Search History

S70	7546	S62 and ("electromagnetic wave" or "ultraviolet rays" or "visible rays" or "infrared rays" or microwave)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:35
S71	416	(thermoplastic adj resin) adj substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:35
S72	56	S71 and ("electromagnetic wave" or "ultraviolet rays" or "visible rays" or "infrared rays" or microwave)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:36
S73	327	photoelectrode	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:45
S74	141	S73 and "solar cell"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:46
S75	22	S74 and (conductive adj5 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 14:46